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## OM protein - protein search, using sw model

Run on: March 1, 2001, 16:19:17 ; Search time 46.88 Seconds

(without alignments)  
8.427 Million cell updates/sec

Title: US-09-331-631A-39

Perfect score: 54

Sequence: 1 CXXXCXXXXXXXXXXCXXC 22

Scoring table: BLOSUM62DX

Gapop 10.0 , Gapext 0.5

Searched: 174772 seqs, 17957048 residues

Total number of hits satisfying chosen parameters: 174772

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

## Database :

Issued\_Patents\_AA:\*  
1: /cgn2\_6/prodata/2/1aa/5A\_COMB.pep:\*  
2: /cgn2\_6/prodata/2/1aa/5B\_COMB.pep:\*  
3: /cgn2\_6/prodata/2/1aa/6\_COMB.pep:\*  
4: /cgn2\_6/prodata/2/1aa/PCTUS\_COMB.pep:\*  
5: /cgn2\_6/prodata/2/1aa/backfile1.pep:\*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	54	100.0	38	2	US-08-761-248B-11
2	54	100.0	39	1	US-08-036-555B-40
3	54	100.0	39	1	US-08-469-569-40
4	54	100.0	39	1	US-08-390-882A-1
5	54	100.0	39	1	US-08-390-882A-2
6	54	100.0	39	1	US-08-390-882A-3
7	54	100.0	39	1	US-08-249-322A-40
8	54	100.0	39	1	US-08-469-526A-40
9	54	100.0	39	2	US-08-734-591A-40
10	54	100.0	39	2	US-08-469-660-40
11	54	100.0	39	4	PCT-US94-05083C-40
12	54	100.0	39	4	PCT-US95-06846A-40
13	54	100.0	42	2	US-08-761-248B-15
14	54	100.0	43	2	US-08-761-248B-13
15	54	100.0	44	2	US-08-761-248B-12
16	54	100.0	45	1	US-08-632-691-1
17	54	100.0	47	3	US-08-482-085B-91
18	54	100.0	57	1	US-07-609-716-56
19	54	100.0	61	2	US-08-785-530-3
20	54	100.0	61	2	US-09-123-850-3
21	54	100.0	70	3	US-09-188-930-131
22	54	100.0	235	1	US-08-469-667-4
23	54	100.0	235	4	PCT-US95-07289-4
24	54	100.0	285	3	US-08-482-085B-20
25	54	100.0	297	2	US-08-580-545B-6
26	54	100.0	297	3	US-09-262-653A-6
27	54	100.0	362	1	US-08-415-751-6
28	54	100.0	362	1	US-08-415-751-35

## ALIGNMENTS

29	54	100.0	469	2	US-08-477-451-23	Sequence 23, App1
30	54	100.0	488	1	US-08-243-542-1	Sequence 1, App1
31	54	100.0	488	1	US-08-477-407-1	Sequence 1, App1
32	54	100.0	488	1	US-08-484-355-1	Sequence 1, App1
33	54	100.0	524	1	US-08-243-542-2	Sequence 2, App1
34	54	100.0	524	1	US-08-477-407-2	Sequence 2, App1
35	54	100.0	524	1	US-08-484-355-2	Sequence 2, App1
36	54	100.0	566	1	US-07-955-905A-2	Sequence 2, App1
37	54	100.0	566	1	US-07-955-905A-22	Sequence 2, App1
38	54	100.0	587	1	US-07-955-905A-23	Sequence 2, App1
39	54	100.0	644	1	US-08-336-708A-9	Sequence 2, App1
40	54	100.0	655	2	US-08-272-255-18	Sequence 9, App1
41	54	100.0	655	4	PCT-US95-08565-18	Sequence 18, App1
42	54	100.0	670	1	US-08-243-542-3	Sequence 3, App1
43	54	100.0	670	1	US-08-477-407-3	Sequence 3, App1
44	54	100.0	670	1	US-08-484-355-3	Sequence 3, App1
45	54	100.0	680	3	US-08-761-136-1	Sequence 1, App1

RESULT 1  
US-08-761-248B-11  
Sequence 11, Application US/08761248B  
Patent No. 5958735  
GENERAL INFORMATION:  
APPLICANT: ROWLEY, DAVID R.  
TITLE OF INVENTION: UROCENTRAL SINUS DERIVED GROWTH  
NUMBER OF INVENTION: FACTOR NUCLEOTIDE AND AMINO ACID SEQUENCES  
CORRESPONDENCE ADDRESSES: 15  
ADDRESS: Jenkins & Gilchrist  
STREET: 1100 Louisiana, Suite 1800  
CITY: Houston  
STATE: TX  
COUNTRY: USA  
ZIP: 77002  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FASTSEQ for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08-761,248B  
FILING DATE: 06-DEC-1996  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/008,348  
FILING DATE: 07-DEC-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Turley, Charles P.  
REGISTRATION NUMBER: 35,723  
REFERENCE/DOCKET NUMBER: 34012.6  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (713)9513310  
TELEFAX: (713)9513314  
TELEX:  
INFORMATION FOR SEQ ID NO: 11:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 38 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
US-08-761-248B-11

Query Match 100.0%; Score 54; DB 2; Length 38;  
Best Local Similarity 18.2%; Pred. No. 74;  
Matches 4; Conservative 18; Mismatches 0; Gaps 0;  
QY 1 CXXXCXXXXXXXXXXCXXC 22

Db 10 CTOECVSDSECADNLCSCSAGC 31

RESULT 2  
US-08-036-555B-40  
Sequence 40, Application US/08036555B  
Patent No. 5530109  
GENERAL INFORMATION:  
APPLICANT: Goodearl, Andrew; Stroobant, Paul;  
APPLICANT: Minghetti, Luisa; Waterfield, Michael; Marchionl, Mark;  
APPLICANT: Chen, Maio Su; Hiles, Ian  
TITLE OF INVENTION: Glial Mitogenic Factors, Their  
PREPARATION AND USE  
NUMBER OF SEQUENCES: 184  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Felfe & Lynch  
STREET: 805 Third Avenue  
CITY: New York City  
STATE: New York  
COUNTRY: USA  
ZIP: 10022  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 5.25 inch, 360 kb storage  
COMPUTER: IBM  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: Wordperfect  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/036,555B  
FILING DATE: 24-MAR-1993  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/965,173  
FILING DATE: 23-OCT-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/940,389  
FILING DATE: 03-SEP-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/907,138  
FILING DATE: 30-JUN-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/863,703  
FILING DATE: 03-APRIL-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: U.K. 91 07566.3  
FILING DATE: 10-APRIL-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Tsai, Christine H.  
REGISTRATION NUMBER: 34,266  
REFERENCE/DOCKET NUMBER: LUD 5250.4  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 688-9200  
TELEFAX: (212) 838-3884  
INFORMATION FOR SEQ ID NO: 40:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 39  
TYPE: amino acid  
STRANDEDNESS:  
TOPOLOGY: linear  
US-08-036-555B-40

Query Match 100.0%; Score 54; DB 1; Length 39;  
Best Local Similarity 18.2%; Pred. No. 75;  
Matches 4; Conservative 18; Mismatches 0; Indels 0; Gaps 0;

QY 1 CXXXCXXXXXXXXXXXXCXXC 22  
Db 13 CACRCAGAGGCTCTCTCCTTC 34

RESULT 3  
US-08-469-569-40

Sequence 40, Application US/08469569  
Patent No. 5606032  
GENERAL INFORMATION:  
APPLICANT: Goodearl, Andrew; Stroobant, Paul;  
APPLICANT: Minghetti, Luisa; Waterfield, Michael; Marchionl, Mark;  
APPLICANT: Chen, Maio Su; Hiles, Ian  
TITLE OF INVENTION: Glial Mitogenic Factors, Their  
PREPARATION AND USE  
NUMBER OF SEQUENCES: 184  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Felfe & Lynch  
STREET: 805 Third Avenue  
CITY: New York City  
STATE: New York  
COUNTRY: USA  
ZIP: 10022  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 5.25 inch, 360 kb storage  
COMPUTER: IBM  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: Wordperfect  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/469,569  
FILING DATE: 06-JUN-1995  
CLASSIFICATION: 530  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/036,555  
FILING DATE: 24-MAR-1993  
APPLICATION NUMBER: 07/965,173  
FILING DATE: 23-OCT-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/940,389  
FILING DATE: 03-SEP-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/907,138  
FILING DATE: 30-JUN-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/863,703  
FILING DATE: 03-APRIL-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: U.K. 91 07566.3  
FILING DATE: 10-APRIL-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Tsai, Christine H.  
REGISTRATION NUMBER: 34,266  
REFERENCE/DOCKET NUMBER: LUD 5250.4  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 688-9200  
TELEFAX: (212) 838-3884  
INFORMATION FOR SEQ ID NO: 40:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 39  
TYPE: amino acid  
STRANDEDNESS:  
TOPOLOGY: linear  
US-08-469-569-40

Query Match 100.0%; Score 54; DB 1; Length 39;  
Best Local Similarity 18.2%; Pred. No. 75;  
Matches 4; Conservative 18; Mismatches 0; Indels 0; Gaps 0;

QY 1 CXXXCXXXXXXXXXXXXCXXC 22  
Db 13 CACRCAGAGGCTCTCTCCTTC 34

RESULT 4  
US-08-390-882A-1  
Sequence 1, Application US/08390882A  
Patent No. 5688764  
GENERAL INFORMATION:  
APPLICANT: Kral, Robert M. Jr.; Krapcho, Karen; Johnson, Janice

```

; TITLE OF INVENTION: Insecticidal Peptides from Spider      Venom
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MADSON & METCALF
; STREET: 950 FIRST INTERSTATE BUILDING
; STREET: 170 SOUTH MAIN STREET
; CITY: SALT LAKE CITY
; STATE: UTAH
; COUNTRY: USA
; ZIP: 84101
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
; COMPUTER: IBM
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/390,882A
; FILING DATE: NO. 5688764e assigned
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: L. CRAIG METCALF
; REGISTRATION NUMBER: 31,398
; REFERENCE/DOCKET NUMBER: 1094.2.1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (801) 537-1700
; TELEFAX: (801) 537-1799
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 39 amino acids
; TYPE: amino acids
; STRANDEDNESS: single
; TOPOLOGY: unknown
; MOLECULE TYPE: peptide
; HYPOHETICAL:
; ANTI-SENSE: no
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
; ORGANISM: Calisoga sp.
; INDIVIDUAL ISOLATE: peptide A
; ORGANELLER: Venom glands
; US-08-390-882A-1

Query Match      100.0%; Score 54; DB 1; Length 39;
Best Local Similarity 18.2%; Pred. No. 75;
Matches 4; Conservative 18; Mismatches 0; Indels 0; Gaps 0;

QY 1 CXXXXXXXXXXXXXXXXCXXC 22
   1::|::|::|::|::|::|::|::|
Db 15 CCGNCGTWTCTIRKDPCKEC 36

RESULT 5
US-08-390-882A-2
; Sequence 2, Application US/08390882A
; Patent No. 5688764
; GENERAL INFORMATION:
; APPLICANT: Kral, Robert M. Jr.; Krapcho, Karen; Johnson, Janice
; TITLE OF INVENTION: Insecticidal Peptides from Spider      Venom
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MADSON & METCALF
; STREET: 950 FIRST INTERSTATE BUILDING
; STREET: 170 SOUTH MAIN STREET
; CITY: SALT LAKE CITY
; STATE: UTAH
; COUNTRY: USA
; ZIP: 84101
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
; COMPUTER: IBM
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WORDPERFECT 5.1
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; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/390,882A
; FILING DATE: NO. 5688764e assigned
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: L. CRAIG METCALF
; REGISTRATION NUMBER: 31,398
; REFERENCE/DOCKET NUMBER: 1094.2.1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (801) 537-1700
; TELEFAX: (801) 537-1799
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 39 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: unknown
; MOLECULE TYPE: peptide
; HYPOHETICAL:
; ANTI-SENSE: no
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
; ORGANISM: Calisoga sp.
; INDIVIDUAL ISOLATE: peptide B
; ORGANELLER: Venom glands
; US-08-390-882A-2

Query Match      100.0%; Score 54; DB 1; Length 39;
Best Local Similarity 18.2%; Pred. No. 75;
Matches 4; Conservative 18; Mismatches 0; Indels 0; Gaps 0;

QY 1 CXXXXXXXXXXXXXXXXCXXC 22
   1::|::|::|::|::|::|::|::|
Db 15 CCGNCGTWTCTIRKDPCKEC 36

RESULT 6
US-08-390-882A-3
; Sequence 3, Application US/08390882A
; Patent No. 5688764
; GENERAL INFORMATION:
; APPLICANT: Kral, Robert M. Jr.; Krapcho, Karen; Johnson, Janice
; TITLE OF INVENTION: Insecticidal Peptides from Spider      Venom
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MADSON & METCALF
; STREET: 950 FIRST INTERSTATE BUILDING
; STREET: 170 SOUTH MAIN STREET
; CITY: SALT LAKE CITY
; STATE: UTAH
; COUNTRY: USA
; ZIP: 84101
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
; COMPUTER: IBM
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/390,882A
; FILING DATE: NO. 5688764e assigned
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: L. CRAIG METCALF
; REGISTRATION NUMBER: 31,398
; REFERENCE/DOCKET NUMBER: 1094.2.1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (801) 537-1700
; TELEFAX: (801) 537-1799
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 39 amino acids
; TYPE: amino acid
```







```

:
: NUMBER OF SEQUENCES: 15
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Jenkins & Gilchrist
: STREET: 1100 Louisiana, Suite 1800
: CITY: Houston
: STATE: TX
: COUNTRY: USA
: ZIP: 77002
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Diskette
: COMPUTER: IBM Compatible
: OPERATING SYSTEM: DOS
: SOFTWARE: FASTSEQ for Windows Version 2.0
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/761,248B
: FILING DATE: 06-DEC-1996
: CLASSIFICATION: 435
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: 60/008,348
: FILING DATE: 07-DEC-1995
: ATTORNEY/AGENT INFORMATION:
: NAME: Turley, Charles P
: REGISTRATION NUMBER: 35,723
: REFERENCE/DOCKET NUMBER: 34012.6
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (713)9513310
: TELEFAX: (713)9513314
: TELEX:
: INFORMATION FOR SEQ ID NO: 15:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 42 amino acids
: TYPE: amino acid
: STRANDEDNESS: single
: TOPOLOGY: linear
: MOLECULE TYPE: peptide
: US-08-761-248B-15

Query Match          100.0%; Score 54; DB 2; Length 42;
Best Local Similarity 18.2%; Pred. No. 81;
Matches 4; Conservative 18; Mismatches 0; Indels 0; Gaps 0;

QY 1 CXXXCXXXXXXXXXXCXXC 22
:
: DB 12 CVELSGDSCPMIQKCSNGC 33

RESULT 14
US-08-761-248B-13
: Sequence 13, Application US/08761248B
: Patent No. 5958735
: GENERAL INFORMATION:
: APPLICANT: ROWLEY, DAVID R.
: TITLE OF INVENTION: UROCENTRAL SINUS DERIVED GROWTH
: TITLE OF INVENTION: FACTOR NUCLEOTIDE AND AMINO ACID SEQUENCES
: NUMBER OF SEQUENCES: 15
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Jenkins & Gilchrist
: STREET: 1100 Louisiana, Suite 1800
: CITY: Houston
: STATE: TX
: COUNTRY: USA
: ZIP: 77002
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Diskette
: COMPUTER: IBM Compatible
: OPERATING SYSTEM: DOS
: SOFTWARE: FASTSEQ for Windows Version 2.0
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/761,248B
: FILING DATE: 06-DEC-1996
: CLASSIFICATION: 435
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: 60/008,348
: FILING DATE: 07-DEC-1995
: ATTORNEY/AGENT INFORMATION:
: NAME: Turley, Charles P
: REGISTRATION NUMBER: 35,723
: REFERENCE/DOCKET NUMBER: 34012.6
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (713)9513310
: TELEFAX: (713)9513314
: TELEX:
: INFORMATION FOR SEQ ID NO: 12:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 44 amino acids
: TYPE: amino acid
: STRANDEDNESS: single
: TOPOLOGY: linear
: MOLECULE TYPE: peptide
: US-08-761-248B-12
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:
: APPLICATION NUMBER: 60/008,348
: FILING DATE: 07-DEC-1995
: ATTORNEY/AGENT INFORMATION:
: NAME: Turley, Charles P
: REGISTRATION NUMBER: 35,723
: REFERENCE/DOCKET NUMBER: 34012.6
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (713)9513310
: TELEFAX: (713)9513314
: TELEX:
: INFORMATION FOR SEQ ID NO: 13:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 43 amino acids
: TYPE: amino acid
: STRANDEDNESS: single
: TOPOLOGY: linear
: MOLECULE TYPE: peptide
: US-08-761-248B-13

Query Match          100.0%; Score 54; DB 2; Length 43;
Best Local Similarity 18.2%; Pred. No. 83;
Matches 4; Conservative 18; Mismatches 0; Indels 0; Gaps 0;

QY 1 CXXXCXXXXXXXXXXCXXC 22
:
: DB 14 CVESCEVDNCSGVKCCSNGC 35

RESULT 15
US-08-761-248B-12
: Sequence 12, Application US/08761248B
: Patent No. 5958735
: GENERAL INFORMATION:
: APPLICANT: ROWLEY, DAVID R.
: TITLE OF INVENTION: UROCENTRAL SINUS DERIVED GROWTH
: TITLE OF INVENTION: FACTOR NUCLEOTIDE AND AMINO ACID SEQUENCES
: NUMBER OF SEQUENCES: 15
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Jenkins & Gilchrist
: STREET: 1100 Louisiana, Suite 1800
: CITY: Houston
: STATE: TX
: COUNTRY: USA
: ZIP: 77002
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Diskette
: COMPUTER: IBM Compatible
: OPERATING SYSTEM: DOS
: SOFTWARE: FASTSEQ for Windows Version 2.0
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/761,248B
: FILING DATE: 06-DEC-1996
: CLASSIFICATION: 435
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: 60/008,348
: FILING DATE: 07-DEC-1995
: ATTORNEY/AGENT INFORMATION:
: NAME: Turley, Charles P
: REGISTRATION NUMBER: 35,723
: REFERENCE/DOCKET NUMBER: 34012.6
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (713)9513310
: TELEFAX: (713)9513314
: TELEX:
: INFORMATION FOR SEQ ID NO: 12:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 44 amino acids
: TYPE: amino acid
: STRANDEDNESS: single
: TOPOLOGY: linear
: MOLECULE TYPE: peptide
: US-08-761-248B-12
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Query Match 100.0%; Score 54; DB 2; Length 44;  
 Best Local Similarity 18.2%; Pred. No. 84;  
 Matches 4; Conservative 18; Mismatches 0; Indels 0; Gaps 0;  
 QY 1 CXXXXXXXXXXXXXXXXXCXC 22  
 1::1:::1:::1:::1  
 Db 10 CLHGCDSDSDCKEGKCFDGC 31

Search completed: March 1, 2001, 16:19:17  
 Job time: 510 sec